

# AI in Telecommunication Market 2021: Technical Signs Points Higher Growth In The Coming Years

*AI in Telecommunication market is expected to rise on account of increasing number of AI-enabled smartphones.*

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/EINPresswire.com/ -- [AI in the](#)

[telecommunication market](#) is expected to rise due to the increasing number of AI-enabled smartphones and the advent of 5G technology in mobile networks. AI in telecom help organization to increase their efficiency because, with the support of machine learning and artificial intelligence, the

telecommunication network has autonomously acted and make a qualified decision to reduce network congestion. This is considered an important factor to boost the market across the globe. The rising requirement to display content on telecommunication networks and surge to remove human error from the telecommunication networks is another factor boosting the growth of AI in the telecommunication market. However, the major restraint for AI in the telecommunication market is an incompatibility between telecommunication systems and AI technology that leads to integration complexity in network management solutions. Contrarily, the growing demand for effective and efficient cloud-based AI solutions in the telecommunication industry and the increasing penetration of AI-enabled smartphones in the telecommunication industry are creating opportunities for AI solution providers.

AI and machine learning are emerging in telecommunication as they help organizations with virtualization and cloud computing. Increasing complexity in networking applications is driving the need for network automation and agility in telecom. Network automation platforms have been integrated in organizations to provide timely and reliable management operations.

AI in telecommunication is helping communications service providers (CSPs) to build self-optimizing networks (SONs), which give operators the capability to automatically enhance



AI in Telecommunication Market

network excellence based on traffic data by time zone and region. Artificial Intelligence submissions in the telecommunications industry use innovative algorithms to look for patterns inside the data, allowing operators to predict and detect network anomalies, and permitting them to proactively fix difficulties before clients are negatively stuck to enhance their customer experience. Artificial Intelligence applications in the telecommunications industry are increasingly helping CSPs optimize, manage and maintain infrastructure, as well as customer provision processes. AI in telecommunication market has impacted network optimization, predictive maintenance, virtual assistants and robotic process automation (RPA) to deliver enhanced customer experience and efficiency in organizations.

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Industry major players such as - AT&T Inc., Cisco Systems Inc., H2O.ai Inc., Google LLC, IBM Corporation, Infosys Ltd., Intel Corporation, Microsoft Corporation, NVIDIA Corporation, and Salesforce.com Inc.

Impact of COVID-19 on AI in Telecommunication Market -

- Google declared the expansion of the rapid reply virtual manager in the google cloud. The rapid response virtual manager will permit call motivations to quickly execute and manufacture a modified contact community AI virtual specialist to react to questions and issues clients may be encountering due to COVID-19 over voice, social channels, and visits.
- Companies that provide business solutions and better network connectivity to end-user, essential to modification their attention to providing better applications and home-based solutions to end-users.

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